CLAIMS

1. A powered sliding device of a vehicle sliding door including a sliding door slidably mounted on a vehicle body in a forward door-closing direction and in a backward door-opening direction, a wire cable provided between the slider door and the vehicle body, and a power unit for sliding the sliding door in the door-closing direction and in the door-opening direction by moving the wire cable by a motor power, comprising:

a lower roller bracket provided in a lower portion of a front side portion of the sliding door;

a center roller bracket provided in a rear side portion of the sliding door;

a lower rail, with which the lower roller bracket is slidably engaged, being provided in the vicinity of a lower part of an ingress/egress aperture of the vehicle body, said lower rail being isolated from an outside of the vehicle body when the sliding door is closed;

a center rail, with which the center roller bracket is slidably engaged, being provided on a quarter panel of the vehicle body, said center rail being not isolated from the outside of the vehicle body even when the sliding door is closed;

said power unit being provided in an inside space of the sliding door;

said wire cable including a door-opening cable and a door-closing cable, each of base side ends of the door-opening cable and the door-closing cable being coupled to the power unit;

a distal end of the door-opening cable being protruded outside the sliding door from the front side portion of the sliding door, extended in a rearward direction within the lower rail by way of the lower roller bracket, and fixed to a position in the vicinity of a rear end of the lower rail;

a distal end of the door-closing cable being protruded outside the sliding door from the rear side portion of the sliding door, extended in a forward direction within the center rail by way of the center roller bracket, and fixed to a position in the vicinity of a front end of the center rail.

2. The powered sliding device of the vehicle sliding door according to claim 1, wherein a front pulley, against which the door-opening cable abuts, is mounted on the lower roller bracket by a vertical shaft.

3. The powered sliding device of the vehicle sliding door according to claim 1, wherein a rear pulley, against which the door-closing cable abuts, is mounted on the center roller bracket by a vertical shaft.